

20031215.qrp v03_n135.qrl.20031215

Date: Mon, 15 Dec 2003 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3135

QRP-L Digest 3135

Topics covered in this issue include:

- 1) [163098] Re: WTB: 6M Halo or Squalo or ?? [W6OAL Olde Antenna Labs]
by Chuck Carpenter <w5usj@9plus.net>
- 2) [163099] Re: Paddle Polarity
by "Marshall Emm" <mgemm@mtechnologies.com>
- 3) [163100] WTB FARA kit or parts
by <n2go@arrl.net>
- 4) [163101] Fwd: [SWL] Bogus ham company!
by Ed Tanton <n4xy@earthlink.net>
- 5) [163102] 10 meter Contest ... <sigh>
by "Brian Riley (maillist)" <n1bq_list@wulfdan.org>
- 6) [163103] Re: DX Aruba
by "Brian Riley (maillist)" <n1bq_list@wulfdan.org>
- 7) [163104] Re: Elmer 160 Lesson 4 Question
by "Bill Smith" <billsmith@ispwest.com>
- 8) [163105] Questionable Dealer?
by "tmyers" <tmyers@academicplanet.com>
- 9) [163106] Re: DX Aruba
by Karl Larsen <k5di@zianet.com>
- 10) [163107] New ATMEL AVR project PCB Develeopment Kit
by "w8diz" <w8diz_qrpl@partsandkits.com>
- 11) [163108] Re: Single wire feed Windom?
by w9ya <w9ya@arrl.net>
- 12) [163109] Re: Elmer 160: PIC-EL - program chips besides 'F84?
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 13) [163110] Re: 6M Halo or Squalo or ??
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
- 14) [163111] Re: WTB: 6M Halo or Squalo or ?? [W6OAL Olde Antenna Labs]
by w5xe@juno.com
- 15) [163112] Re: Wireless Key?
by Steven Weber <kd1jv@moose.ncia.net>
- 16) [163113] Make 10 Meters Work
by Karl Larsen <k5di@zianet.com>
- 17) [163114] Re: PopUps
by John Seboldt <k0jd-1@seboldt.net>
- 18) [163115] Re: 10 meter Contest ... <sigh>
by Bob Nielsen <nielsen@oz.net>
- 19) [163116] FP Run for the Bacon and 80m

- by "Jay Henson" <aj4ay@worldnet.att.net>
- 20) [163117] Fox Announcement: K2ZN and N0IT
by "sjolin" <sjolin@swbell.net>
- 21) [163118] Re: FP Run for the Bacon and 80m
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 22) [163119] QRP - Expect great things!
by "PHILIP DECAIRE" <pedecaire@email.msn.com>
- 23) [163120] Elmer 160: Problem with Exercise 3
by Michael Babineau <michael.babineau@sympatico.ca>
- 24) [163121] Low-cost LPC210x ARM development board
by "Leon Heller" <leon_heller@hotmail.com>
- 25) [163122] Re: Make 10 Meters Work
by Paul Mills <quahog@localnet.com>
- 26) [163123] THE FT101B
by Joel M Denison <hamjoel@juno.com>
- 27) [163124] ah ban Injured
by Joel M Denison <hamjoel@juno.com>
- 28) [163125] 80M
by Steven Weber <kd1jv@moose.ncia.net>
- 29) [163126] Re: Fwd: [SWL] Bogus ham company!
by Stephen Wandling <stephen@SwiftsureConsulting.com>
- 30) [163127] Re: Make 10 Meters Work
by Tom Severt <n2uhc@yahoo.com>
- 31) [163128] GMRS & FRS Frequencies
by "W2WU" <w2wurjj@verizon.net>
- 32) [163129] Re: Fwd: [SWL] Bogus ham company!
by <ah7i@atl.org>
- 33) [163130] Re: Paddle Polarity
by John Oppenheimer <kn5l@gte.net>
- 34) [163131] Re: PopUps
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [163132] Re: QRP - Expect great things!
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 36) [163133] Re: GMRS & FRS Frequencies
by John Kalotai <n1olo@yahoo.com>
- 37) [163134] Today'sStreaming Broadcast - 7.040
by "Paul Valko - W8KC" <w8kc@comcast.net>
- 38) [163135] Re: Elmer 160: Problem with Exercise 3
by "John J. McDonough" <wb8rcr@arrl.net>
- 39) [163136] Re: ah ban Injured
by "Armin Hachmer" <armin@muskoka.com>
- 40) [163137] Cellphone Technology
by Karl Larsen <k5di@zianet.com>
- 41) [163138] Circuit Cellar magazine and web hosting
by "Don Jackson (AE5K)" <don1103@azark.com>
- 42) [163139] Re: Today'sStreaming Broadcast - 7.040
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 43) [163140] Re: Make 10 Meters Work

- by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 44) [163141] RE: Today'sStreaming Broadcast - 7.040
by "Jeff Imel" <jeffimel@hotmail.com>
- 45) [163142] Re: Elmer 160: Problem with Exercise 3
by "Lee Mairs" <lmairs@direcway.com>
- 46) [163143] GPS For Sale - Spam
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 47) [163144] Re: QRP - Expect great things!
by Dan Harriman <kc5gxl@sbcglobal.net>
- 48) [163145] Re: Make 10 Meters Work
by Alex <kr1st@amsat.org>
- 49) [163146] My new soldering iron
by "Leon Heller" <leon_heller@hotmail.com>
- 50) [163147] Re: GMRS & FRS Frequencies
by Reed Park <reedpark@nbnet.nb.ca>
- 51) [163148] Re[2]: QRP - Expect great things!
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 52) [163149] RE: My new soldering iron
by "Nick Foster" <nfoster@bluefinrobotics.com>
- 53) [163150] FOX: W8RU Final Log
by Ron Majewski <bigsky2000@sbcglobal.net>
- 54) [163151] Enclosures
by Peter Burbank <peterlee@qx.net>
- 55) [163152] 2SC132C vs 2SC2166
by <n2go@arrl.net>
- 56) [163153] Re: 6M Halo or Squalo or ??
by "brian russell" <brian-nsl@freenet.co.uk>
- 57) [163154] AZ ScQRPions Paddle - Batch 2
by Jerry Haigwood <w5jh@swlink.net>
- 58) [163155] RE: AZ ScQRPions Paddle - Batch 2
by "Tim Kass" <timkass@hotmail.com>
- 59) [163156] Re: AZ ScQRPions Paddle - Batch 2
by "richqrp" <richqrp@cox.net>
- 60) [163157] Re: 3.560 MHz Streaming audio
by Bill Vodall - WA7NWP <wa7nwp@jnos.org>
- 61) [163158] [Elmer160] Question on INCF operator
by Pat Cain <k0pc@mchsi.com>
- 62) [163159] Re: Re[2]: QRP - Expect great things!
by "steve" <swells244@bellsouth.net>
- 63) [163160] [Elmer160] re: Question on INCF operator
by "Terry Permenter" <top@whidbey.com>
- 64) [163161] Re: [Elmer160] Question on INCF operator
by "John J. McDonough" <wb8rcr@arrl.net>
- 65) [163162] 10 meter contact
by Karl Larsen <k5di@zianet.com>
- 66) [163163] Virgin Fox Alert - was: Fox Announcement: K2ZN and N0IT
by Al Scanandoah <k2zn@rochester.rr.com>
- 67) [163164] Re: [Elmer160] Question on INCF operator

by "Goody K3NG" <k3ng@qrpis.org>

Date: Sun, 14 Dec 2003 15:49:36 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: N3BJ@hotmail.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163098] Re: WTB: 6M Halo or Squalo or ?? [W6OAL Olde Antenna Labs]
Message-ID: <3.0.2.32.20031214154936.00843300@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Alan,

Dave, W6OAL, Olde Antenna Labs in Colorado makes an antenna that is a copy of the old Saturn Halo. I know I have his info some place, just can't find in right now. I found a bunch of info doing a google search -- it should be in there somewhere.

At 11:11 AM 12/14/2003 -0500, Alan Fryer wrote:

>Looking for some antennas for local 6M AM work. Needs to be small,
>omni-directional and horizontally polarized. About the only thing that
>comes to mind is a 6M halo or squalo. Anyone on the list have one that is
>surplus or any ideas?
>
>Alan, N3BJ
>Bent Mountain, VA
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Sun, 14 Dec 2003 16:08:36 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qRP-L@lehigh.edu
Subject: [163099] Re: Paddle Polarity
Message-ID: <3FDC8B04.8393.3C1BC6@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

John said...

>.it's thumb-dah. I wonder if
anyone has the history as to why, and I'm sure that it goes way back
into the old bug days.<<

It does, and there was a very practical reason for doing it that way with bugs.
Movement of the the lever to the dot side had to travel a certain amount of
distance, with a certain amount of force, to set the pendulum going. Dashes
were made by hand, so a little more precision was required. You have more
strength in your thumb, and more precision in your fingers, so that dictated
thumb for dots and fingers for dashes.

>>I have never seen an Iambic key jack standard. I
have an Icom IC-738 and Idiom Press Logikey K3<<

As with the thumb/dits fingers/dahs standard, I don't think you'll see plug
wiring for paddles documented as a "standard" anywhere, but it IS a standard
and I'd put it down to "the natural order of things." We say "dot and dash"
(or dit and dah), and "tip and ring" in that order , so the wiring follows.
Also we say "left and right" in that order (and read from left to right) so it
should be no surprise that in a stereo plug used for audio, the left channel is
usually on the tip and right on the ring.

Some manufacturers have indeed wired stereo jacks backwards, which is why many
keyers (e.g. the LogiKey) allow for electronic "reversing."

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Sun, 14 Dec 2003 18:09:22 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [163100] WTB FARA kit or parts
Message-ID: <Pine.LNX.4.33.0312141803340.6935-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone started this amp kit (June 2003 qst) and given up?
Or did you order extra parts to make up min orders at RF Parts?
I am looking for the 2sc2312C transistors, VK-200A core and
transformer cores and RFC1 and possibly the pcboard(s).

73,

Jim n2go

Date: Sun, 14 Dec 2003 18:15:41 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>,
CW Reflector <cw@mailman.qth.net>
Subject: [163101] Fwd: [SWL] Bogus ham company!
Message-ID: <6.0.0.22.2.20031214181232.01f1d1a0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I checked and their address is indeed a Hotel in Kennewick, WA. I don't
know about the propriety of posting this on QRP-L... but better safe than
sorry.

>Reply-To: swl@mailman.qth.net
>List-Id: Short-Wave radio Listening <swl@mailman.qth.net>
>List-Archive: <<http://mailman.qth.net/pipermail/swl/>>
>Date: Sun, 14 Dec 2003 15:57:01 -0600
>
>
>Just a heads up!
>
>I picked up on the Icom reflector a
>new ham company called Power Ham, Inc.
>www.powerham.com
>
>
>They're advertising equipment at a hughly
>discounted price.
>
>Apparently they are bogus.
>
>The whois search on the domain comes up
>from Romainia and the mailing address
>is a hotel in Washington State.
>
>They are selling the Icom 7800 and it has not

>even been type accepted yet. (First red flag)
>
>Buyer beware!
>
>de W0TLO
>John

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sun, 14 Dec 2003 18:21:08 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163102] 10 meter Contest ... <sigh>
Message-ID: <BC025A94.1B41B%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

It was definitely not a formula for QRP success this year.. Here in NWVT

conditions were up and down; some QTHs were simply not to be had. I could hear three Maryland stations over the day Sunday but they couldn't hear me for love or money. Same for DC and the infamous QRP nomansland, Delaware! I never heard an Okie even once, though, I wish I had a sawbuck for every Texan with a big 10 meter amplifier!

Just about 27000 points (single-op, QRP, phone-only) ... 37 states, 3 provinces, 21 countries with 220 Q's. Last year I was 93K with 42/6/58. The DX multipliers really hurt. I heard stations working Europe but never heard any myself. I did bag New Zealand and Hawaii.

I can honestly say I worked real hard for 97% of the Qs and the score notwithstanding, I enjoyed the two days. Had a few brief but pleasant extended contacts, worked a few new areas, and I feel the rotten conditions forced me to learn no skills ... Oh well what have we got three, four more bad years?

cheers ... 73 de brian, n1bq

Date: Sun, 14 Dec 2003 18:46:54 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: "karl Larsen (K5DI)" <k5di@zianet.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163103] Re: DX Aruba
Message-ID: <BC02609E.1B421%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Karl, you need to invest in some Q-tips ... P40K's op was a YL the same one for the whole contest as far as I can tell!!!!!! <grin>

On 12/14/03 1:08 PM, "Karl Larsen" <k5di@zianet.com> wrote:

>
> Just worked P40K on 28.348 MHz. He is 59+ and gave me a 59 of
> course with my FT-817.

Date: Sun, 14 Dec 2003 15:52:11 -0800
From: "Bill Smith" <billsmith@ispwest.com>
To: <kf4yyd@adelphia.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163104] Re: Elmer 160 Lesson 4 Question
Message-ID: <000d01c3c29d\$55a77e00\$0200a8c0@HBCO>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alright?

(1) The W register isn't defined until the movlw D'7' instruction, it can be anything. You can clear it first by selecting 'Debugger' ->Clear Memory ->Clear Registers if you choose, but the movlw D'7' sets the W register early enough in the program so that this step isn't necessary.

When you say "Shouldn't it display W:0x7 until the 2nd movlw command when it should display W:0xc, followed by W:0x3.", are you talking about the indicator at the bottom of the screen? Are you pushing F6 first to reset the debugger and program pointer, then do you push F7 repeatedly to step through the program?

After the first instruction (pushing F7 each time), yes, the W register should show W:0x7, and should remain W:0x7 until after the 2nd movlw when it should show W:0xc.

The result of the andwf Local,w changes the W register to W:0x4.

The result of the movlw D'3' of course changes the W register to W:0x3

The result of the iorwf Loc1,f leaves the W register at W:0x3.

Is this any help?

Bill

----- Original Message -----

From: Tom

To: Low Power Amateur Radio Discussion

Sent: Sunday, December 14, 2003 12:36 PM

Subject: Elmer 160 Lesson 4 Question

Alright, sometimes when I step into the program my W register display shows the correct value, while other times it starts out completely wrong displaying W:0xff.

Here is my listing:

```
        processor    16f84a
        include <p16f84a.inc>
__config _HS_OSC & _WDT_OFF & _PWRT_ON
```

```
Loc1      equ H'20'
movlw D'7'
movwf Loc1
movlw D'12'
andwf Loc1,w
movlw D'3'
iorwf Loc1,f
nop
end
```

Shouldn't it display W:0x7 until the 2nd movlw command when it should display W:0xc, followed by W:0x3. Sometimes it works and sometime it doesn't, what am I not doing correctly?

73, de Tom kf4yyd Fredericksburg Virginia

IDHACWID* QRP Club #1

*I Don't Have A Clue What I'm Doing

Date: Sun, 14 Dec 2003 23:57:42 -0600
From: "tmyers" <tmyers@academicplanet.com>
To: "QRP-L Post" <grp-l@lehigh.edu>
Subject: [163105] Questionable Dealer?
Message-ID: <003c01c3c2d0\$5c50ef60\$1700a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got the following post of the local club's reflector. I was not able to find Power Ham, Inc. listed as an Icom dealer. I have not been able to personally confirm this but maybe someone out there knows the true story. Here is the posting,

"Just a heads up!

I picked up on the Icom reflector a new ham company call Power Ham, Inc.
www.powerham.com

They're advertising equipment at a highly discounted price.

Apparently they are bogus.

The whois search on the domain comes up from Romainia and the mailing address is a hotel in Washington State.

They are selling the Icom 7800 and it has not even been type accepted yet. (First red flag)

Buyer beware!"

Terry, KQ5U
Spring, Texas

Date: Sun, 14 Dec 2003 17:05:34 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "Brian Riley (maillist)" <n1bq_list@wulfdan.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163106] Re: DX Aruba
Message-ID: <Pine.LNX.4.44.0312141704560.4695-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Dec 2003, Brian Riley (maillist) wrote:

> Karl, you need to invest in some Q-tips ... P40K's op was a YL the same one
> for the whole contest as far as I can tell!!!!!! <grin>

He or She had good ears.

>
>
> On 12/14/03 1:08 PM, "Karl Larsen" <k5di@zianet.com> wrote:
>
> >
> > Just worked P40K on 28.348 MHz. He is 59+ and gave me a 59 of
> > course with my FT-817.
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 14 Dec 2003 19:32:07 -0500
From: "w8diz" <w8diz_qrpl@partsandkits.com>
To: <qrp-1@Lehigh.EDU>
Subject: [163107] New ATMEL AVR project PCB Develeopment Kit
Message-ID: <002601c3c2a2\$df7fc8d0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

This email is to announce that in January, 2004,
<http://kitsandparts.com> will be producing and selling
ATMEL AVR microcontroller development kits. More information
will be available at the web site this coming week.

What is an ATMEL AVR?

It is a newer and more efficient MicroController than the PIC.
Many of you are getting familiar with PICs through the
generous effort of John, WB8RCR (way to go John).
The AVR chips got off to a slow start in the hobby market,
but they do provide a simple alternative to PICs and learning
is easier and more straight forward. YMMV (maybe but doubt it)
Once you learn how to program one AVR, you can program all AVRs,
the only differences being chip memory, I/O capacity and
optional internal software functions.

What is an ATMEL AVR development kit?

It's a microcontroller development system where you learn the
basics of microcontroller coding and design your own projects
like robotics, radio control, VFO via DDS, LCD display functions
and anything else you can think of.

What does the ATMEL AVR development kit include?

This kit will include the following:

3 AT90S2313 microcontrollers
1 ea 16x2 LCD display with LED backlight or
1 ea 40x2 LCD display without LED backlight
1 rotary encoder

1 AD9835 DDS chip presoldered
1 RS232 communications port
1 programming port
3 LEDs and 4 Switches for misc applications
1 header of 3x4 telephone keypad
1 telephone keypad
plus misc parts to complete the project.
Free software including Assembler and demo programs
including DDS VFO, Freq Counter, keyers and more.

What is the projected kit cost?
The kit price should come in at about \$50
For this price you can build a dedicated complete DDS VFO
or anything else you can dream up.

Anything else required?
Yes, this project kit requires a tool available from DIGIKEY
at a cost of \$29.00. See the tool here...
[http://www.digikey.com/scripts/dksearch/dksus.dll?](http://www.digikey.com/scripts/dksearch/dksus.dll?KeywordSearch&Keywords=AVRISP&site=us)
[KeywordSearch&Keywords=AVRISP&site=us](http://www.digikey.com/scripts/dksearch/dksus.dll?KeywordSearch&Keywords=AVRISP&site=us)
There are free alternative ways to program the chips but
I am recommending the AVRISP from ATMEL via DigiKey.

Schematic will be available early next week.

The PCB prototype is on order and will be built and tested
this week. <http://partsandkits.com/2313dev2.gif>

I will be updating the kits and parts website this week with more
info on this project. Thanks for listening/reading and GO BENGALS!!!

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

Date: Sun, 14 Dec 2003 19:44:46 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163108] Re: Single wire feed Windom?
Message-ID: <200312141944.46958.w9ya@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Sunday 14 December 2003 11:21 am, Bob Nielsen wrote:

```
> On 12/14/03 05:54:37, Jim Lyons wrote:
> > > Date:      Sun, 14 Dec 2003 00:17:07 +0700
> > > From:      bam yb ko/1 SOETRISNO <unclebam@indosat.net.id>
> > > To:        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > > ReplyTo:    unclebam@indosat.net.id
> > > Subject:    Re: Re[2]: Single wire feed Windom?
> > >
> > > k5di de yb ko/1,
> > >
> > > YESS, karl ..... it was named after loren windom, w8gz who invented
> > >
> > > this
> > >
> > > design back some 5 or 6 decades ago .... i used it myself fr quite
> > > sometime back in late 60s, 80-40M, with hmbw qro tx ..... final
> > >
> > > tubes
> > >
> > > ranged from 807, 12gb7, 832, 6p3s or gu50 - the last two were
> > >
> > > russian
> > >
> > > made, or went qrp with 12au7-el41 oscillator-doubler-final
> > >
> > > configuration
> > >
> > > ..... with pi-section output circuit had no problem to match with
> > >
> > > the
> > >
> > > hi-impedance "single wire" feeder line .....
> > >
> > > 72/73
> > > bam, yb ko/1
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "Karl Larsen" <k5di@zianet.com>
> > > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > > Sent: Saturday, December 13, 2003 7:54 PM
> > > Subject: Re[2]: Single wire feed Windom?
```

> > >
 > > >
 > > > I never heard it called a VS1AA antenna. I found it in the
 > >
 > > 1952
 > >
 > > > ARRL Antenna Book and it was called a Windom, I think named for a
 > >
 > > Ham
 > >
 > > > who used it
 > >
 > > Isn't the Windom a twin feeder antenna where as the VS1AA is a single
 > > "feeder" antenna. As someone pointed out the single line "feeder"
 > > is,
 > > in
 > > fact, a vertical radiator. Also VS1AA chose different guages for the
 > > top
 > > and "feeder", it is, indeed, a different antenna from the Windom, the
 > > only
 > > thing they share is the off-centre feed point though one, the WIndom
 > > I
 > >
 > > believe, set that at exactly one third of the way along the antenna,
 > > whereas on the VS1AA the precise feed poit was adjusted, perhaps for
 > > maximum current; I forget.
 >
 > I don't know anything about the VS1AA, but the Windom IS a single
 > feeder antenna, which I think originated in the 1930s. I believe the
 > twin-feeder version came out in the 1950s (at least that was when I
 > first saw an article and built one using 75-ohm twin-lead and a B&W
 > air-core balun). The Windom name got applied to that as well, although
 > I don't believe that Windom himself had anything to do with it.
 >
 > 73,
 > Bob, N7XY

I could easily have this wrong, as I haven't taken the time to check thru the literature, but I *know* the antenna was first explored as to current distribution by Loren Windom and the results (in part) published in QST and possibly elsewhere in the late 20's or early 30's. I have read the article(s) more than once.

Loren did not invent the antenna, but neither was it invented by hams, certainly not one from VS-land in any event. It was/is a single wire feeder and it had a *specific* location the feeder attached to the single horizontal halfwave element that was offset from center. It is named after Windom

because of the popularity of the antenna after his published articles.

The VS1AA antenna was a variation of the windom in that its' specific offset attachment of the feeder to the horizontal halfwave was at a different location. It came along MANY years later, as did eventually the dual feeder and coax variations of the windom, When fed with two element feedline, it shares some but not all of the characteristics of a true windom. Nonetheless it is often called a windom.

Again this is from memory, which is hazy in some respects at my age, but I hope is sufficient to illuminate upon some of the incorrect information about the real inventor being the fellow with the VS call *OR* that Windom had actually invented this antenna.

Vy 72;

Bob
w9ya

Date: Sun, 14 Dec 2003 20:30:00 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [163109] Re: Elmer 160: PIC-EL - program chips besides 'F84?
Message-ID: <02f801c3c2aa\$f6746d40\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The 16F628 will plug into the PIC-EL board, program up just fine using FPP, and be functionally backward compatible to the 16F84A. We're just starting with the 'F84A because it's lots easier to learn on.

Here's the blurb from the Elmer 160 course FAQ page ...

Why aren't we using the PIC16F628?

For many applications the PIC16F628 is indeed a better part, as it costs less than the 16F84A and has much more capability -- however, it is a very complex part. We felt it was better to start people out on the simpler 16F84A. By the end of the class students will have developed the skills required to program and use the 16F628 by using the pin-for-pin compatible 16F84A. All the functions of the lesser device, including the programming method and circuitry, are applicable to the 16F628, so students can later substitute the more capable and modern microcontroller for future custom applications, if desired. In fact, we have some advanced lessons planned

downstream for students wishing to upgrade the microcontroller in this way.

73, George N2APB

Date: Sun, 14 Dec 2003 20:41:38 -0500
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>
To: qrp-1@lehigh.edu
Subject: [163110] Re: 6M Halo or Squalo or ??
Message-ID: <5.1.0.14.0.20031214203129.009eea80@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi. Keith here in the Depths of the Great Bergen Swamp

Oh yes, I remember those days well. I got both my Novice (WN2VU0) and Tech (WB2VU0) at the same time in February 1966. After not passing the General 13 WPM in the year my Novice was good, I went to 6 Meters with the rest of the local teen hams in the Syracuse area.

I had a borrowed Saturn 6 halo for the first antenna followed by a 5 element yagi from HyPar (I think). Later I put up stacked Cush Craft Squalos for the ARES net and monitoring (and a 7-element long boom yagi, 32 feet long and up 40 feet). 41 states with a 6146 final at 40 watts input (P/P 6L6's in the modulator).

The antlers are long gone, but I recently modeled them with EZNEC and a Squalo-Clone would be a snap to build. However...

The pattern is not omnidirectional. It's sort of elliptical with the minimum signal about 4 dB down from the "main" pattern. There is also a null in line with the opposite side from the feedpoint, ~10 dB and about 20 degrees wide.

A simple dipole would be a good and inexpensive alternative. A Vee dipole, also know as a "Rabbit-Ears" Dipole is almost as omnidirectional as the Squalo and a simple one can be built with one section of EMT (conduit) and some PVC pipe.

I have details and the EZNEC files for anyone interested.

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon
28.2873 MHz on Your Radio Dial - 24/7

Date: Sun, 14 Dec 2003 18:48:03 -0700
From: w5xe@juno.com
To: qrp-1@lehigh.edu
Subject: [163111] Re: WTB: 6M Halo or Squalo or ?? [W6OAL Olde Antenna Labs]
Message-ID: <20031214.184804.-610467.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

testing - posted twice info for 6m antennas
and no appearance - oh well.

Date: Sun, 14 Dec 2003 21:24:53 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163112] Re: Wireless Key?
Message-ID: <3.0.6.32.20031214212453.007b7730@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>In this month's QST, there is an article about a wireless key that operates
>around 430MHz.

I've been meaning to build one of these ever since the low cost UHF Rx/Tx
modules came out a few years ago. Guess someone finally got around to doing
it! Now you can get a UHF transmitter and cpu in one package for a few
dollars. Could build a complete wireless keyer with one of those.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 14 Dec 2003 19:27:30 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [163113] Make 10 Meters Work

Message-ID: <Pine.LNX.4.44.0312141926500.4695-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Saturday Dec 13 2003 the solar index was Flux 88 Ap=27 Kp=3 and the ARRL 10 meter contest was in full swing. The ARRL email newspaper said conditions were bad and the contest will suffer.

Just for fun I tuned up on my 88 foot dipole to 10 meters. When I listened the band was JAMMED by hundreds of Hams calling CQ or answering a CQ! I didn't believe what I was hearing was real so I switched to my beam and called a couple of CQ's and they came right back. I found the message was call sign rst state so that was easy. I worked P40K who was 59+ here in New Mexico.

It occurred to me that the solar conditions predicted that 10 meters will be dead. But in fact it was alive. Even some DX was worked. So the predicted conditions were wrong! I think I have based too much of my operating time on Solar Conditions. In fact it was proved by this Contest.

So what else is there to tell us if 10 meters is open? There is the Northern California DX Society Beacons. To check out 10 meters you listen to cw on 28.200 MHz anytime of the day or night and listen for 4U1UN at NY or VE8AT in Eastern Canada, or W6WX in Northern California. Also a simple beacon is on 28.205 N3NIA/B located in PA.

Alas, this time in the solar cycle, a lot of short openings happen that will not be predicted by the beacons. So we need I think to choose a frequency that we will monitor on. I say on 10 meters lets do it on SSB not CW. I like 28.490 MHz because Tec class hams can use this frequency and often do.

The message I want to send is simple. Often, check the beacons I have identified and if you hear any one of them, regardless of Solar Predictions get on 28.490 and if nothing is there call CQ. If you have a beam rotate it toward the beacon you hear.

The end result will be many fine contacts on 10 meters when it is "DEAD" but open.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 14 Dec 2003 21:16:16 -0600
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [163114] Re: PopUps
Message-ID: <5.2.1.1.0.20031214211219.009f1290@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:06 PM 9/8/03 -0700, you wrote:
>Pop-up Stopper from Panicware is great. I've been
>using it almost 2 years now & just upgraded to the
>latest version recently. (I use the Free Edition)
>It works!
>
>'72/73
>Roger KI8DU in WV
>Resent builder of SW+40, QRP-L #2506

Caution though - if you have a TON of popups, the type that appear even when you don't have your browser open, you may have spyware/adware/junkware on your machine. If your kids have installed Kazaa, you are likely to have some already! So with these adware-generated popups, plus your popup stopper, you have gang warfare in your machine!

Cleaning out your machine with AdAware or Spybot is recommended first before putting up a popup stopper.

The Panicware software is a good item. Caution again - don't install something that a popup offers. One item, part of the Ezula package, is called "stop sign" or some such - claims to be a virus scanner and popup stopper. It's a piece of junk in itself! Lots of tomfoolery out there...

John K0JD
Milwaukee

Date: Sun, 14 Dec 2003 19:03:09 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [163115] Re: 10 meter Contest ... <sigh>
Message-ID: <20031215030309.GB6812@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Strange conditions. 10 opened late and closed early (I could hear a LU just before 2400Z today, but had already worked him). No US except for locals could be heard at that time. I don't think I have ever worked as many Texas stations, however and I worked my first Delaware contact in over 50 years of hamming. Also 2 NH, but no CA, OR, AZ or Canada. Best DX from here was CX and LU (a ZL asked me for a repeat, but never did get my call).

On the other hand, next year will probably be worse.

Bob, N7XY

--

Bob Nielsen, N7XY
Bainbridge Island, WA

n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Sun, 14 Dec 2003 21:33:24 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [163116] FP Run for the Bacon and 80m
Message-ID: <001c01c3c2bc\$3325c7a0\$5bb14a0c@aj4ay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I didn't get into the FP Run for the Bacon until 0130 this evening. 40m had some very fast QSB that changed 559 signals to esp level in just a few seconds.

After all of the discussion on 80m over the last few days, I decided that this might be a good time to give it a try. Even with the S5 noise, the signals that I heard were not too difficult to copy and only required occasional fills. With 12 Q's in about an hour of operating time, the SPC's included CT, MD, OH, OK, TN, KS, MO, NC, AL and LA. Operating conditions here was a K2 @ 5W to a 300 foot loop at about 40 feet. This was my first "real" experience on 80 as it is usually so noisy locally that it is virtually unuseable except for stations that are close. All in all, it was an interesting and fun evening.

My best to all.
Jay

AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.548 / Virus Database: 341 - Release Date: 12/5/2003

Date: Sun, 14 Dec 2003 21:35:08 -0600
From: "sjolin" <sjolin@swbell.net>
To: "Qrp-1 Reflector" <qrp-1@Lehigh.EDU>
Subject: [163117] Fox Announcement: K2ZN and N0IT
Message-ID: <080001c3c2bc\$70b1da50\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Greetings Hounds, this week K2ZN (Al) and N0IT (Dave) will be your foxi.
K2ZN has traded places with Mark, K2Q0, who was previously scheduled for
this week.

Just a reminder, the FOX HUNT is Tues night at 2000CST. It is a two hour
hunt from 0200-0400 UTC 17 December. K2ZN, Al will be near 7.038 Mhz
working UP and N0IT, Dave will be near 7.042 working UP.

Remember the procedure? The following is an example:
Initial call at 0200 UTC

CQ FOX DE N0IT N0IT FOX UP2 K

Send your call once or twice around 2 Khz up....then listen. The Fox will
respond to whoever he can copy...maybe K0MAX
K0MAX UR 559 MO DAVE 5W K0MAX BK

If K0MAX copies he answers
R TU UR 559 MN MAX 5W BK

If N0IT copies he acknowledges with R TU And listens to the pack for another
call. OR, if necessary asks for a fill OR periodically will say R TU DE N0IT
FOX UP2

For about the last 1/2 hour of the hunt or earlier if calls thin out, we will take calls near or on our freq. but initially, please use split and spread out a bit so we can make more contacts.

Thank you.

Please be patient and have FUN. We hope to hand out a lot of pelts. BCNU in the Hunt.

73/72 Dave and Al
 NØIT K2ZN

Date: Sun, 14 Dec 2003 22:44:07 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-1@Lehigh.EDU>, <aj4ay@worldnet.att.net>
Subject: [163118] Re: FP Run for the Bacon and 80m
Message-ID: <3FDD2E07.000001.03060@compaq1500>
MIME-Version: 1.0
Content-Type: Text/Plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the contact, Jay. Yes, 80 was quite productive tonight!
73/72 - Mike WA8BXN

Run for the bacon Dec 03 k2 5w dipole
sent: 559 oh nr 624

40M

8:12 PM	12/14/2003	ab4pp	559	nc	724
8:23 PM	12/14/2003	k4ia	579	va	442
8:29 PM	12/14/2003	w5tvw	559	la	722
8:32 PM	12/14/2003	k1ev	559	ct	695
8:38 PM	12/14/2003	n3ao	559	pa	621
8:42 PM	12/14/2003	k3ese	559	md	476

80 m

8:47 PM	12/14/2003	w8pig	559	oh	0
8:49 PM	12/14/2003	n0ea	559	mo	677
9:07 PM	12/14/2003	k8cv	559	mi	541
9:15 PM	12/14/2003	ac5jh	559	ok	530
9:20 PM	12/14/2003	k1ev	559	ct	695

9:23 PM 12/14/2003 k4ia 559 va 442
9:24 PM 12/14/2003 w8bhk 559 mi 158
9:43 PM 12/14/2003 aj4ay 559 al 115
9:46 PM 12/14/2003 w0eb 559 ks 616
9:48 PM 12/14/2003 w5tvw 559 la 722
9:49 PM 12/14/2003 wb8yyy 559 md 44

Date: Sun, 14 Dec 2003 19:44:44 -0800
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>
To: <qrp-1@Lehigh.EDU>
Subject: [163119] QRP - Expect great things!
Message-ID: <001c01c3c2bd\$ce66d8c0\$c0592a43@grape>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just have to tell this story - I giggled with most every QSO made.

Due to impending house repairs, and wind damage to a fence that my 40M full wave stealth loop runs (or rather, used to run) along, I took the loop down last weekend. That was my one and only all-band antenna. That left me with no antennas - almost, except for a borrowed 40M DCTL that I was playing with. Oh, and the 10M contest was on this weekend! What to do?

I'd made some contacts on the 40M DCTL sitting indoors next to my rig, and it seemed to work, so why not build one for 10M? I did! You have to picture this antenna: 4 ft 1 inch of 300 ohm twinlead formed into a loop. The diameter of the finished loop is about 1.3 feet, smaller than the computer screen I'm looking at. You look at it and laugh and can't help saying "You're not serious here, are you? Is this really supposed to be an antenna?" I didn't allow length for connections, so I needed a bit more length on the open stub capacitor to resonate it. Tacked on about 25 feet of 300 ohm feedline (only needed about 3 feet, but didn't want to cut the long piece) and ran it into the tuner.

Where to put it? Indoors, obviously. I ended up looping it over a cardboard box sitting on top of the bookshelf next to my operating desk. That helped it keep a loop shape. So there it sits about 2 feet from me and 3 feet from my rig. I was ready for the 10M contest, although about 20 hours

late!

Keep in mind, of course, that this is QRP. While I think contests are fun, I'm strictly a casual contest operator, or rather I like the opportunistic QSOs that contests can provide. No aspirations here about high scores with low power and makeshift antennas. I run my old FT-101ZD at about 5 watts output, which is less power than the final's 6146 filaments take. As the rig warms up, the power sometimes drifts down to the 2 watt area if I don't catch it and crank it back up.

Turning on the rig brought the sound of signals! (That's always a good sign, isn't it?) Some Texan stations S9 and better were coming in on this little loop! The rig and tuner tuned up just fine and seemed to be happy with the little antenna. Tune around - here's a loud signal, W9WI - got him on the first call! Then some Texans starting with K5NZ, and as the band died worked some local Washingtonians. I worked all the loud ones I could hear, 10 QSOs in about half an hour - not a bad rate for me. Hmm ... maybe this tiny antenna DOES work!

Sunday the band was better. I ended up with 42 QSOs total (the number 42 being the answer to the universe and all...), with a total operating time of about 2 hours. The tally was 14 states and VE3. The contacts weren't an accident! The most fun was a run that lasted about 20 minutes where I made 14 contacts, starting at the low end of the band and worked every strong signal on the way up. Got most of 'em on the first call too. It was just like I had a real antenna! I even worked some guys who didn't have S9 signals. Of course, there were the usual few contacts that I had to work pretty hard for. A few weak DX stations were heard, but none worked. The band was marginal but open to TX, LA, IN, OH, and MD, with the usual "specific propagation" that 10 meters is famous for. Oh, and of course I never got a signal report less than 599! (; ->)

I've been QRPing all the years since I got back into hamming, usually with makeshift/stealth antennas, and you'd think by now I'd have learned that almost anything works. But I really didn't expect such good results with a miniature, indoor antenna. I keep being surprised by how much one can do with very little. Minimalism is just too cool. I'm not so worried anymore about moving to a smaller house next spring, where antennas may be more of a problem.

72's and thanks to the guys with good ears who heard my signals!

Phil WB7AEI

Date: Sun, 14 Dec 2003 22:54:13 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-1@Lehigh.EDU
Subject: [163120] Elmer 160: Problem with Exercise 3
Message-ID: <58A57412-2EB2-11D8-8564-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I'm a little behind in the Elmer 160 so I decided to finish off Exercise 3 tonight.
I ran into a snag that I didn't recall seeing any postings on.

When I did the BUILD ALL on Test I got a warning followed by a whole pile of assembly errors .. which didn't make a lot of sense. In fact I had more errors than lines of code!

The warning was "Warning Processor superseded by command line. Verify Processor Symbol"

What I had to do to correct this problem was to go to the Configure menu and

Configure -> Select Device -> PIC16f84a

The default seems to have been one of the PIC18xxxx series and obviously the toolset was getting conflicting messages.

Note that I am using MPLAB V6.40 so those running V6.30 might not have this issue.

I also realized that the machine I installed MPLAB on is only running WIN98 not WIN98SE which seems to be the baseline OS for this tool. So far, it seems to work fine, but I may re-install on another machine or upgrade to WIN98SE.

Michael VE3WMB

Date: Mon, 15 Dec 2003 04:00:52 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [163121] Low-cost LPC210x ARM development board
Message-ID: <LAW15-DAV66jq6k0Uk100009eb9@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I might as well get in on the act with my low-cost Philips ARM development board:

http://www.geocities.com/leon_heller/lpc2104.html

It sells for \$90 assembled and tested.

For that you get a state-of-the-art low-power 32-bit 60 Mhz (54 MIPS) ARM7TDMI MCU with 32-bits of I/O on a quality PCB with a sizeable prototyping area.

73, Leon

--

Leon Heller, G1HSM
Email: aqzfl3@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Mon, 15 Dec 2003 04:24:27 +0000 (UTC)
From: Paul Mills <quahog@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [163122] Re: Make 10 Meters Work
Message-ID: <Pine.LNX.4.53.0312150412500.174@daystar.localnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Having only been a ham for 3 years January next, I have not experienced a full solar cycle, but I must say that I think 10M is a real fun band. My wire of choice is a 'half-size G5RV' at about 40 feet, broadside north/south. Me and my TS-520 (QR0) do all right when the band is open.

Early Sat. morning I worked stations from Croatia to Portugal, but the southeast and Caribbean couldn't hear me. Go figure. Anyway, next time the cycle comes around I'll be retired with a beam and working qrp all over the globe...;^))

Paul KB1GEJ

On Sun, 14 Dec 2003, Karl Larsen wrote:

>
>
> Saturday Dec 13 2003 the solar index was Flux 88 Ap=27 Kp=3 and the
> ARRL 10 meter contest was in full swing. The ARRL email newspaper said
> conditions were bad and the contest will suffer.
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> VE8AT in Eastern Canada, or W6WX in Northern California. Also a simple
> beacon is on 28.205 N3NIA/B located in PA.
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> have identified and if you hear any one of them, regardless of Solar
> Predictions get on 28.490 and if nothing is there call CQ. If you have a
> beam rotate it toward the beacon you hear.
>
> The end result will be many fine contacts on 10 meters when it is
> "DEAD" but open.
>

>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Date: Sun, 14 Dec 2003 23:45:28 -0500
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [163123] THE FT101B
Message-ID: <20031214.235330.1972.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK GUYS I guess I got all the inquiries i am gonna get..
so i'm gonna sit and read all bodies request till I can narrow it down to
1

then i'm gonna send u an email.... and arrange shipping....

So Far.... no

DEAL is done or made... and its gonna be hard to choose between
some of u....

however I will try and choose the place that will be best for the
critter....

don't no bodies hold grudges now.... this is a hard decision to make...

kella joel

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 14 Dec 2003 23:53:29 -0500
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [163124] ah ban Injured
Message-ID: <20031214.235330.1972.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

High Y'all

I AM a bit injured tonite.... came back in a blinding snow and ice storm, treacherous conditions.... made the trip and got into my driveway and slippend on the ice and sneaux....

u KNEAUX I remember my left index finger as being straight and nice.... however it broke my fall, for which i'm grateful.... and now it looks caved in at the knuckle... pushed plumb outta the socket I guess.... gonnna pull on it in a little bit and see if it snaps back in.... otherwise it's a 20 mile ride in this storm to the horsepital... hope the good vet is working tonite....

y'all sleep good u heah, and see u on 40 meters...hopefully with my index finger straightened out....

KE1LA

Joel Denison

Strong, Maine, 04983

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 15 Dec 2003 00:39:23 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [163125] 80M
Message-ID: <3.0.6.32.20031215003923.007bc1b0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, with all this talk about 80M recently, I decide to put up an 80M antenna. I don't have many options for this band, given my small corner lot. So, I dug the PVC poles out from under the snow, screwed them back together to make a 17 foot mast, which I attached to the back corner of the building. I wound some wire in a wide sprial around the PVC pipe for good measure and attached a 1/4 wave wire on the top to force most of current to flow into the vertical section. The 1/4 wave wire runs out to some scruffy trees on the other side of the property line by the abandoned RR tracks.

I had to use a parallel tank to feed the end, guess I sprialed enough wire on the pipe to make it look more than 1/8 wave long. (the '46 antenna book says use a series circuit if the vertical section is less than 1/8 wave and parallel if longer than 1/8 wave)

Anyway, I got it all up before our latest weekend snow storm started. Now to try and make a contact with it. Might be a challenge with high local QRN

I have around here..

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 14 Dec 2003 22:59:00 -0800
From: Stephen Wandling <stephen@SwiftsureConsulting.com>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163126] Re: Fwd: [SWL] Bogus ham company!
Message-ID: <3FDD5BB4.3070206@SwiftsureConsulting.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 8bit

There is also an interesting thing on their "Policy" page. Under "Damaged Shipments", they shift to using Radioworld as a company name. Radioworld is a reputable firm here in Canada and I have given them a heads up on this.

Ed Tanton wrote:

> I checked and their address is indeed a Hotel in Kennewick, WA. I
> don't know about the propriety of posting this on QRP-L... but better
> safe than sorry.

>
>> Reply-To: swl@mailman.qth.net
>> List-Id: Short-Wave radio Listening <swl@mailman.qth.net>
>> List-Archive: <<http://mailman.qth.net/pipermail/swl/>>
>> Date: Sun, 14 Dec 2003 15:57:01 -0600

>>

>>

>> Just a heads up!

>>

>> I picked up on the Icom reflector a
>> new ham company called Power Ham, Inc.
>> www.powerham.com

>>

>>

>> They're advertising equipment at a hughly

```
>> discounted price.
>>
>> Apparently they are bogus.
>>
>> The whois search on the domain comes up
>> from Romainia and the mailing address
>> is a hotel in Washington State.
>>
>> They are selling the Icom 7800 and it has not
>> even been type accepted yet. (First red flag)
>>
>> Buyer beware!
>>
>> de W0TLO
>> John
>
>
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: http://www.n4xy.com
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>
>
>
--
```


Regards,

Stephen Wandling
Project Manager
Swiftsure Consulting

P: (604) 649-1418

F: (604) 648-8945

"If I knew for a certainty that a man was coming to my house with the conscious design of doing me good, I should run for my life." Henry David Thoreau

Date: Mon, 15 Dec 2003 00:16:33 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163127] Re: Make 10 Meters Work
Message-ID: <20031215081633.88240.qmail@web9601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Karl Larsen <k5di@zianet.com> wrote:
> So what else is there to tell us if 10 meters is
> open? There is the
> Northern California DX Society Beacons. To check out
> 10 meters you listen to
> cw on 28.200 MHz anytime of the day or night and
> listen for 4U1UN at NY or
> VE8AT in Eastern Canada, or W6WX in Northern
> California. Also a simple
> beacon is on 28.205 N3NIA/B located in PA.

Also check the entire beacon band from around 28.170 to 28.300. The beacons you hear will give an indication of where propagation is supported to. And if you hear my beacon on 28.232, please let me know.

=====
Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Mon, 15 Dec 2003 05:42:33 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163128] GMRS & FRS Frequencies
Message-ID: <001601c3c311\$53f79260\$42fb998d@vaio>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone forward complete frequency list & license requirements/charges?
Seems one service doesn't require a license. 73, Ron W2WU

Date: Mon, 15 Dec 2003 06:29:55 -0500 (EST)
From: <ah7i@atl.org>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163129] Re: Fwd: [SWL] Bogus ham company!
Message-ID: <Pine.LNX.4.33.0312150624150.8165-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey, their hosting service only charges :

pentru numai 3 USD / luna obtii

(\$3 US/month)

217.10.193.157
located at
<http://mydomain.myx.net/>

-bob

On Sun, 14 Dec 2003, Ed Tanton wrote:

> I checked and their address is indeed a Hotel in Kennewick, WA. I don't
> know about the propriety of posting this on QRP-L... but better safe than
> sorry.
>
> >Reply-To: swl@mailman.qth.net
> >List-Id: Short-Wave radio Listening <swl.mailman.qth.net>
> >List-Archive: <<http://mailman.qth.net/pipermail/swl/>>
> >Date: Sun, 14 Dec 2003 15:57:01 -0600
> >
> >
> >Just a heads up!
> >
> >I picked up on the Icom reflector a
> >new ham company called Power Ham, Inc.
> >www.powerham.com
> >
> >
> >They're advertising equipment at a hugely
> >discounted price.
> >
> >Apparently they are bogus.
> >
> >The whois search on the domain comes up
> >from Romainia and the mailing address
> >is a hotel in Washington State.
> >
> >They are selling the Icom 7800 and it has not
> >even been type accepted yet. (First red flag)
> >
> >Buyer beware!
> >
> >de W0TLO
> >John
>
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI

> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>
>

Date: Mon, 15 Dec 2003 05:36:37 -0600
From: John Oppenheimer <kn5l@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163130] Re: Paddle Polarity
Message-ID: <3FDD9CC5.A9EEA712@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, in the quest to get it correct, and worrying about my ability to do that, Look at the CMOS4 manual at <http://www.idiompress.com/CMOS4.pdf> if you search of the key word "left," you will find,

"Most right handed operators prefer the left paddle for dots and the right paddle for dashes."

John

Date: Mon, 15 Dec 2003 06:48:53 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k0jd-1@seboldt.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163131] Re: PopUps
Message-ID: <00a501c3c301\$6b5015a0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Cleaning out your machine with AdAware or Spybot is recommended first
> before putting up a popup stopper.
>
> The Panicware software is a good item. Caution again - don't install
> something that a popup offers. One item, part of the Ezula package, is
> called "stop sign" or some such - claims to be a virus scanner and popup
> stopper. It's a piece of junk in itself! Lots of tomfoolery out there...

Do some research!! At least one of the 'spyware' elimination packages
was itself spyware. Yep, it killed everything else, but installed it's
OWN
hidden sniffer!

Date: Mon, 15 Dec 2003 07:08:52 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: pedecaire@email.msn.com
Subject: [163132] Re: QRP - Expect great things!
Message-ID: <5.0.2.1.2.20031215070655.0597ffd8@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Philip,

Down here in Georgia, we say that you were HTMF (Having Too Much Fun)!

FWIW, 42 is the answer to Life, the universe, and everything else.

(And the BBC announced recently that they are going to produce "So long and
thanks for the fish")

72 de Mike, K04WX
Michael C. Boatright

Date: Mon, 15 Dec 2003 04:47:32 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: w2wurjj@verizon.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163133] Re: GMRS & FRS Frequencies

Message-ID: <20031215124732.76345.qmail@web80011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

<http://www.ba-marc.org/writeups/gmrs-frs-freq.htm>

Ask and you will receive.....use Google and you'll find it yourself
(HI HI HI)

John N10LO

--- W2WU <w2wurjj@verizon.net> wrote:
> Can anyone forward complete frequency list & license
> requirements/charges?
> Seems one service doesn't require a license. 73, Ron W2WU
>
>

Date: Mon, 15 Dec 2003 07:58:50 -0500
From: "Paul Valko - W8KC" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <tentec@contesting.com>
Subject: [163134] Today's Streaming Broadcast - 7.040
Message-ID: <000501c3c30b\$2fed4000\$6401a8c0@hamshack1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good Day Everyone.

For your listening pleasure today, we at W8KC offer the stimulating sounds of the 40 meter QRP calling frequency, 7.040 MHz. The receiver is a Ten*Tec Corsair with a 1.8kc crystal CW filter. The antenna is a full wave dipole at 30 feet.

W8KC is located in the far-northern suburbs of metropolitan Detroit.

<http://www.w8kc.com/stream.aspx>

Please tune in and let me know what you think.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Mon, 15 Dec 2003 08:16:46 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <michael.babineau@sympatico.ca>
Subject: [163135] Re: Elmer 160: Problem with Exercise 3
Message-ID: <02b001c3c30d\$b1745c10\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Michael

A number of folks ran into this. Problem is that I skipped a step in Lesson 3. I had actually gotten a heads up on it just after I put Lesson 3 to bed, but when I tried to simulate it on 6.30, it wasn't a problem. The problem wasn't 6.40, though, it was that when I tested it, I didn't pick a processor that was different enough.

Good to hear that you are having success with Win98oe. I couldn't see much, other than the USB programmers, that should require SE. But you never can tell. 6.30 insists on seeing IE5 before it will install, in spite of the fact that the only thing it needs IE for is to display the readmes about the various programmers, and even there it doesn't appear to do anything IE specific. But the check is there in the install, so it won't play.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Michael Babineau" <michael.babineau@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 14, 2003 10:54 PM
Subject: Elmer 160: Problem with Exercise 3

> I'm a little behind in the Elmer 160 so I decided to finish off
> Exercise 3 tonight.
> I ran into a snag that I didn't recall seeing any postings on.
>

> When I did the BUILD ALL on Test I got a warning followed by a whole
> pile of
> assembly errors .. which didn't make a lot of sense. In fact I had more
> errors than
> lines of code!
>
> The warning was "Warning Processor superseded by command line. Verify
> Processor Symbol"
>
> What I had to do to correct this problem was to go to the Configure
> menu and
>
> Configure -> Select Device -> PIC16f84a
>
> The default seems to have been one of the PIC18xxxx series and
> obviously the toolset
> was getting conflicting messages.
>
> Note that I am using MPLAB V6.40 so those running V6.30 might not have
> this issue.
>
> I also realized that the machine I installed MPLAB on is only running
> WIN98 not WIN98SE which
> seems to be the baseline OS for this tool. So far, it seems to work
> fine, but I may re-install on
> another machine or upgrade to WIN98SE.
>
> Michael VE3WMB
>
>

Date: Mon, 15 Dec 2003 08:29:14 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: <hamjoel@juno.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163136] Re: ah ban Injured
Message-ID: <000f01c3c30f\$74bee860\$336c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Joel, hope all is well soon.
I had a blizzard to drive through as well. Even a resataurant where i met

friends with big lumpy ice patches in the entranceway. On the road to odd
fool drives like one. Take care of your digit.

Armin VE3TEQ

----- Original Message -----

From: "Joel M Denison" <hamjoel@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, December 14, 2003 11:53 PM

Subject: ah ban Injured

> High Y'all

> I AM a bit injured tonite.... came back in a blinding snow and ice
> storm, treacherous conditions....

> made the trip and got into my driveway and slippend on the ice and
> sneaux....

> u KNEAUX I remember my left index finger as being straight and
> nice.... however it broke my fall,
> for which i'm grateful.... and now it looks caved in at the knuckle...
> pushed plumb outta the socket I guess....

> gonnna pull on it in a little bit and see if it snaps back in....
> otherwise it's a 20 mile ride in this storm to the horsepital...

> hope the good vet is working tonite....

> y'all sleep good u heah, and see u on 40 meters...hopefully with
> my index finger straightened out....

> KE1LA

> Joel Denison

> Strong, Maine, 04983

>

>

> -----
> The best thing to hit the internet in years - Juno SpeedBand!

> Surf the web up to FIVE TIMES FASTER!

> Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 15 Dec 2003 07:09:44 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>

To: qrp-1@lehigh.edu

Subject: [163137] Cellphone Technology

Message-ID: <Pine.LNX.4.44.0312150654350.4693-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I bought the new Yaesu VX2 tiny Handy Talkie that transmits 1.5 watts on 2 meters and one watt on 70 cm and receives from 500 Khz to 999 MHz. It has 1000 memories and can scan 14 ways and can even make a phone patch on a repeater.

But the Technology is what's new to Ham Radio. The radio uses a camcorder Lithium-ion (B-9583) 3.7 volt 1000 mah battery. So the transmitter must make 1.5 watts from a supply voltage of only 3.7 volts. This takes new technology.

The battery charger is in the radio, just like a cellphone. It has a whole lot of memory just like the new cellphones. It can do so many odd things like ARTS and such that it is clear there is a lot of capability to the computer used. I'm sure the computer came from cellphone technology.

I can't wait for the tiny HF rig that makes like 2 watts from the 3.7 volt battery and has all the capability of this radio. Really all they need is a SSB and CW mode of receive and transmit and some hard work getting the final amp of the transmitter to make 2 watts from 160 meters to 70 cm.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 15 Dec 2003 08:06:24 -0600
From: "Don Jackson (AE5K)" <don1103@azark.com>
To: qrp-1@lehigh.edu
Subject: [163138] Circuit Cellar magazine and web hosting
Message-ID: <3FDD6B80.9781.4B404C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Just a (relatively) short note some on this list may be interested in. If not, hit delete.

Yesterday, I stumbled upon a special offer for subscribing to Circuit Cellar magazine. This magazine should be of interest to those QRP hams also involved with microprocessors and controllers and other non-elementary neat electronics stuff. Normally 21.95/yr for print copy, 12 issues (which is a bargain compared to many others), 15/yr for the online downloading of PDF version, but Atmel is subsidizing the

electronic version to the tune of paying 10 of the 15, leaving you to pay only \$5 for a year's sub. Actually, it appears you can get 14 or 15 issues for that amount since currently Oct/Nov/Dec are online and your sub will expire Dec. 2004.

Here's the URL for the offer: <http://www.circuitcellar.com/atmel03/>

I'm just a long time (15 years) subscriber of CC, no other affiliation. The offer expires at the end of THIS month! They have many PIC and AVR articles, but are not the super elementary level that the old Pop'tronics or Nuts & Volts are.

While I'm at it, I'd like to pass along info on web hosting since I know many on this list are interested in maintaining a web page showing off their accomplishments, ideas, etc. I passed this info to the 4SQRP list some time ago and received nothing but positive comments/results. Until mid-January, 1 and 1 dot com is offering 3 years of free web space hosting, including lots of MB, pop3 emailboxes, etc. No strings. The 4SQRP group, myself, and several members have taken advantage of this offer and find it to be just as they say. They don't even have a credit card number from me. Details are at www.1and1.com (those are "one's" in the name, not "el's"). Only downside I've seen is the slowness of their "control panel" used to set up email, your account, etc. Web pages, email, etc. is fast and reliable.

72/73,
Don AE5K

Date: Mon, 15 Dec 2003 08:06:58 -0600
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [163139] Re: Today'sStreaming Broadcast - 7.040
Message-ID: <000301c3c314\$b4fbf800\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Paul,

Thanks! The streaming audio of 40m is a lot of fun. It sounds like you have an "arc welder" next door that gives you some problems however HI.

73,
Steve Yates - AA5TB

Date: Mon, 15 Dec 2003 08:11:12 -0600
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [163140] Re: Make 10 Meters Work
Message-ID: <000301c3c315\$4c425150\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank goodness for unpredictable Sporadic-E to keep 10m alive even when
20m sounds dead.

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Mon, 15 Dec 2003 14:20:44 +0000
From: "Jeff Imel" <jeffimel@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [163141] RE: Today's Streaming Broadcast - 7.040
Message-ID: <BAY9-F61sYT6kYeJHyD0001540f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A big thanks to Paul for interfacing his rig to the web streaming audio. I
am finding this stream to be very useful to me.

I can not tell you the number of times I have wondered if noise I am
receiving here is unique to my QTH. One particular "noise" is a sound that
sounds like high speed, "random ignition noise." In other words, the engine
is running thousands of RPM and missing badly...very RF dirty sounding
noise. It comes on at about an S-6 to S-9 and will last for a few seconds
to several tens of minutes. Then it will disappear only to return in a few
minutes or maybe not for several hours.

Paul's receiver is hearing the same "random ignition noise." Our QTH's are

200 miles apart and both our receivers are hearing it at the same time.
Interesting.

Thanks again Paul. Much appreciated!

Jeff
KB9ZUR

>From: "Paul Valko - W8KC" <w8kc@comcast.net>
>Reply-To: w8kc@comcast.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Today's Streaming Broadcast - 7.040
>Date: Mon, 15 Dec 2003 07:58:50 -0500
>
>Good Day Everyone.
>
>For your listening pleasure today, we at W8KC offer the stimulating sounds
>of the 40 meter QRP calling frequency, 7.040 MHz. The receiver is a
>Ten*Tec
>Corsair with a 1.8kc crystal CW filter. The antenna is a full wave dipole
>at 30 feet.
>
>W8KC is located in the far-northern suburbs of metropolitan Detroit.
>
><http://www.w8kc.com/stream.aspx>
>
>Please tune in and let me know what you think.
>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics.
>Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>
>
>
>

Shop online for kids toys by age group, price range, and toy category at
MSN Shopping. No waiting for a clerk to help you! <http://shopping.msn.com>

Date: Mon, 15 Dec 2003 09:39:37 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: <michael.babineau@sympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163142] Re: Elmer 160: Problem with Exercise 3

Message-ID: <008801c3c319\$452ece80\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had the exact same problem running V6.3 on an XP machine. I'd selected 16f84 when I did the original install - not realizing that there was a difference. All seems well since then.

73 de Lee
KM4YY/8

----- Original Message -----

From: "Michael Babineau" <michael.babineau@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 14, 2003 10:54 PM
Subject: Elmer 160: Problem with Exercise 3

> I'm a little behind in the Elmer 160 so I decided to finish off
> Exercise 3 tonight.
> I ran into a snag that I didn't recall seeing any postings on.
>
> When I did the BUILD ALL on Test I got a warning followed by a whole
> pile of
> assembly errors .. which didn't make a lot of sense. In fact I had more
> errors than
> lines of code!
>
> The warning was "Warning Processor superseded by command line. Verify
> Processor Symbol"
>
> What I had to do to correct this problem was to go to the Configure
> menu and
>
> Configure -> Select Device -> PIC16f84a
>
> The default seems to have been one of the PIC18xxxx series and
> obviously the toolset
> was getting conflicting messages.
>
> Note that I am using MPLAB V6.40 so those running V6.30 might not have
> this issue.
>
> I also realized that the machine I installed MPLAB on is only running
> WIN98 not WIN98SE which
> seems to be the baseline OS for this tool. So far, it seems to work
> fine, but I may re-install on

> another machine or upgrade to WIN98SE.
>
> Michael VE3WMB
>
>

Date: Mon, 15 Dec 2003 10:12:35 -0500
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [163143] GPS For Sale - Spam
Message-ID: <BAY1-F87w11qsXoSdSa00033dc8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Blatant Spam

I put my old GPS 38 with a computer/cig DC cable on Flea Bay for \$25 reserve if anybody is interested in playing APRS or going hiking. I used it for QRP portable to check Grid Squares because it reads them directly which many units do not. The cord is an aftermarket that I bought from E-bay to sell with the unit. It is basically an 8 chan GPS 12 and is not quite as sensitive but it works fine in the clear or on car dashboard.

Link

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3065563431&category=34289&rd=1>

73,
Paul K3PG

Paul Gerhardt
pgerhardt@hotmail.com

Cell phone switch rules are taking effect find out more here.
<http://special.msn.com/msnbc/consumeradvocate.armx>

Date: Mon, 15 Dec 2003 16:35:17 -0600
From: Dan Harriman <kc5gxl@sbcglobal.net>
To: qrp-1@Lehigh.EDU
Subject: [163144] Re: QRP - Expect great things!

Message-ID: <6.0.1.1.1.20031215163302.038234d0@pop.sbcglobal.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I agree Michael;

The one I liked was the Restaurant at the End of the Universe!

QRP related= I am building Oleg's Micro 80. Seems like a neat little rig.

72

Dan Harriman
Orange, Texas

At 06:08 12/15/2003, you wrote:

>Philip,
>
>Down here in Georgia, we say that you were HTMF (Having Too Much Fun)!
>
>FWIW, 42 is the answer to Life, the universe, and everything else.
>
>(And the BBC announced recently that they are going to produce "So long
>and thanks for the fish")
>
>72 de Mike, K04WX
>Michael C. Boatright

=====
Proud member of QRP-ARCI # 9126; QRP-L # 431; ARS # 25; FISTS # 1572;
QRPP-1 # 702; 1010 Int.; FP # 555; SOC # 569; NETXQRP # 45; ARRL; ARRL-VE;
AMQRP; RU-QRP # 43; MQFD # 5; grid EM30cc
-

If at first you don't succeed, maybe you shouldn't try
sky-diving! dit dit

Date: Mon, 15 Dec 2003 11:54:56 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163145] Re: Make 10 Meters Work
Message-ID: <3FDDE760.BB69436A@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Karl Larsen wrote:

> So what else is there to tell us if 10 meters is open?

Well, there is a nice project out there to answer exactly that question. It's called PropNet and you can find it at <http://www.beaconet.org> It would be nice if they got more participants in order to make it more reliable, but the idea is great.

> Alas, this time in the solar cycle, a lot of short openings happen
> that will not be predicted by the beacons. So we need I think to choose a
> frequency that we will monitor on.

That's basically what Beaconet/PropNet does. Your computer monitors a specific frequency for either a PSK31 or packet signal and displays the station heard on a map. The position information is included with the data sent. Now if enough folks would join in, you'd get a real time picture of the propagation conditions.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Mon, 15 Dec 2003 17:10:28 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [163146] My new soldering iron
Message-ID: <Law15-DAV47pDXt8olG0000093b4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just treated myself to a Metcal soldering station, primarily for SM assembly. Metcal makes the best soldering equipment - it's quite expensive, although bargains may be obtained on Ebay. I got an STSS power supply, handle assembly, stand and a selection of five tips for 180 GBP (about \$300) from a supplier in Southampton, UK. Quite a good buy, as the tips sell for nearly 20 GBP each and he threw in a reel of 26 SWG low-residue solder and a couple of reels of desolder braid. Apart from the STSS, everything was brand-new.

The STSS is virtually identical to the current MX-500, but only takes one handle. It uses RF at 13.5 MHz for heating the tip, so I could retune it for

14 MHz and use it as a 40W Tx on 20m. 8-)

The tips I got include a 'micro-hoof' for drag soldering fine-pitch devices like 0.5 mm lead spacing PQFP devices, such as the LPC210x ARM chips I'm playing with. Metcal even makes a *very* pointy tip for soldering 0201 components; you need a microscope for putting those on a PCB.

Have a look at the Metcal web page if you are interested in the ultimate soldering experience:

<http://www.metcal.com/>

73, Leon

--

Leon Heller, G1HSM

Email: aqzf13@dsl.pipex.com

My low-cost Philips LPC210x ARM development system:

http://www.geocities.com/leon_heller/lpc2104.html

Date: Mon, 15 Dec 2003 09:53:42 -0400
From: Reed Park <reedpark@nbnet.nb.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163147] Re: GMRS & FRS Frequencies
Message-ID: <3FDDBCE6.3A10EFFE@nbnet.nb.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W2WU wrote:

> Can anyone forward complete frequency list & license requirements/charges?
> Seems one service doesn't require a license. 73, Ron W2WU

It always amazes me how many people never think of doing a so called "google search" for information.

I tried a simple search for GMRS at <http://www.google.com/> and came up with many many hits. The following 2 should get you well on your way to answering your questions.

Rules

<http://www.provide.net/~prsg/part95ae.htm>

Information

<http://www.gmrs.org/>

7 3

Reed - VE1NU

--

Looking for information on Marconi SMR-3 and
Northern Electric R8119A receivers of WW 2.

ARROW Research (Avro CF-105)
Reed Park
252 Gauvin Road
Dieppe, New Brunswick
Canada E1A1M1

Amateur Radio V E 1 N U
WW II, # 19 SET user
Paraset replica builder and owner of a real one.

Date: Mon, 15 Dec 2003 20:22:39 +0300
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: Dan Harriman <kc5gxl@sbcglobal.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163148] Re[2]: QRP - Expect great things!
Message-ID: <1455294976.20031215202239@lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DH> QRP related= I am building Oleg's Micro 80. Seems like a neat little rig.
DH> Dan Harriman
DH> Orange, Texas

Thank you, Dan! It sounds pleasure (for me) :-)

BTW, our Club have a special Christmas offer: the "Micro-80" kit
enclose with a fine art casket (see <http://ruqrp.narod.ru/spec.htm>),
only before New Year.

Wish you all the best!
72! de RV3GM Oleg ("Master-72") V. Borodin

=== In QRP We Trust! ===

Date: Mon, 15 Dec 2003 12:54:46 -0500
From: "Nick Foster" <nfooster@bluefinrobotics.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [163149] RE: My new soldering iron
Message-ID: <000301c3c334\$871d35a0\$ed00a8c0@PECKERHEAD>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I can also vouch for the quality of Metcal irons --if you can afford it! I use one at work for soldering parts as small as 0402 and as large as 1/4" bolts, and it works great for both. The major feature of a Metcal iron is that the iron temperature is fixed and regulated at the tip -- no dial, no thermal mass considerations, since the tip regulates itself with some exotic dual-metal thermoresistive setup. The only control on the base unit is an on/off switch.

The two downsides are that the system is not cheap (although cheaper than, for instance, Pace), and that the tips tend to be soft -- remember kids, pressing harder doesn't mean more heat!

--nick

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Leon Heller
Sent: Monday, December 15, 2003 12:10 PM
To: Low Power Amateur Radio Discussion
Subject: My new soldering iron

I've just treated myself to a Metcal soldering station, primarily for SM assembly. Metcal makes the best soldering equipment - it's quite expensive, although bargains may be obtained on Ebay. I got an STSS power supply, handle assembly, stand and a selection of five tips for 180 GBP (about \$300) from a supplier in Southampton, UK. Quite a good buy, as the tips sell for nearly 20 GBP each and he threw in a reel of 26 SWG low-residue solder and a couple of reels of desolder braid. Apart from the STSS, everything was brand-new.

The STSS is virtually identical to the current MX-500, but only takes one handle. It uses RF at 13.5 MHz for heating the tip, so I could retune it for 14 MHz and use it as a 40W Tx on 20m. 8-)

The tips I got include a 'micro-hoof' for drag soldering fine-pitch devices like 0.5 mm lead spacing PQFP devices, such as the LPC210x ARM chips I'm playing with. Metcal even makes a *very* pointy tip for soldering 0201 components; you need a microscope for putting those on a PCB.

Have a look at the Metcal web page if you are interested in the ultimate soldering experience:

<http://www.metcal.com/>

73, Leon

--

Leon Heller, G1HSM

Email: aqzf13@dsl.pipex.com

My low-cost Philips LPC210x ARM development system:

http://www.geocities.com/leon_heller/lpc2104.html

Date: Mon, 15 Dec 2003 10:12:32 -0800 (PST)
From: Ron Majewski <bigsky2000@sbcglobal.net>
To: [qrp-l](mailto:qrp-l@lehigh.edu) <qrp-l@lehigh.edu>
Cc: Tom Palmer <n1tp@swfla.rr.com>
Subject: [163150] FOX: W8RU Final Log
Message-ID: <20031215181232.73385.qmail@web80201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks again for letting me be the Fox. See you again in February.

72/3,

Ron (W8RU).

0201 K6XR 559 559 CA REGGIE 5W
0201 KN5L 559 559 TX JOHN 5W
0202 KT5V 559 559 TX DAVID 5W
0203 KK5LD 559 559 TX DAN 5W
0204 W5HNS 559 559 TX HENRY 5W
0204 N0TK 559 559 CO DAN 5W
0205 KQ5U 559 559 TX TERRY 5W
0206 N1FN 559 559 CO ET 5W

0206	KI0II	559	559	CO	RON	5W
0207	K5IC	559	559	NM	AUDIE	5W
0209	K5PSH	559	559	TX	JERRY	5W
0209	N5ZE	559	559	TX	LEW	5W
0211	W5KDJ	559	559	TX	WAYNE	200MW
0211	AA7EQ	559	559	AZ	BOB	5W
0212	K5DI	559	559	NM	KARL	5W
0213	N1TP	559	559	FL	TOM	5W
0215	K6VNX	559	559	CA	ARLEN	5W
0217	AB8DF	559	559	MI	ED	5W
0218	K4BYF	559	559	FL	JACK	4W
0220	W7ILW	559	559	AZ	WALT	5W
0222	KQ6RL	559	559	CA	DAVE	5W
0233	K8CV	559	559	MI	WALT	5W
0235	W9XT	559	559	WI	GARY	5W
0240	NK9G	559	559	WI	RICK	5W
0243	N9NE	559	559	WI	TODD	5W
0243	AK7Y	559	559	AZ	GREG	5W
0245	W4NJK	559	449	CA	CHUCK	5W
0245	AC7A	559	559	AZ	TOM	5W
0249	WA9TZE	559	349	WI	JIM	5W
0252	N6NU	559	559	CA	ANDY	5W
0257	KD4JEZ	559	559	FL	DAVID	5W
0258	NK6A	559	559	CA	DON	5W
0301	KG6WP	559	559	CA	WARD	5W
0310	W7EH	559	559	AZ	BOB	5W
0334	K0EVZ	559	579	NM	DOC	4W
0337	K5EOA	559	559	LA	WAYNE	5W
0338	AA50	559	559	LA	VERN	5W
0339	N5IB	559	559	LA	JIM	5W
0340	W5TB	559	559	TX	DOC	5W
0342	KD5UDB	559	559	LA	CHRIS	5W
0343	W5YR	559	559	TX	GEORGE	5W
0347	K5JHP	559	559	TX	BILL	5W
0353	K5DW	559	559	TX	DON	5W
0400	K5TR	xxx	xxx	TX	FOX	5W
0400	W8RU	xxx	xxx	MI	FOX	5W

Date: Mon, 15 Dec 2003 14:18:08 -0500
 From: Peter Burbank <peterlee@qx.net>
 To: qrp-1@lehigh.edu
 Subject: [163151] Enclosures
 Message-ID: <5.2.0.9.0.20031215134314.00a102a0@mail.qx.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

One thing that drives me nuts is trying to troubleshoot inside those U shaped boxes.
Seems like in the case of a kit, a square access hole could be provided under the board
and a bottom plate provided. I would gladly pay a few more bucks for such a feature.

One of the slickest designs I've seen is the NC-20 case and if anyone has one I'd like
to buy it. LMB or Bud should hire the designer of that one.
73 and happy holidays to all
Pete NV4V

Date: Mon, 15 Dec 2003 14:29:09 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [163152] 2SC132C vs 2SC2166
Message-ID: <Pine.LNX.4.33.0312151420000.5313-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to use the lower power transistor in an amplifier. I don't need 30 watts output, I would be happy to get 10.
The two above transistors look similar enough.
My guess is that it would take about a half watt to drive a pair of 2SC2166 transistors in class AB ?

I would like to use the basis circuit / printed circuit board layout from the FARA HF amp project shown in the June 2003 QST(page 36 schematic)
. Any guidance would be appreciated.
My proposed transmitter will be anywhere from 400mw to 2watts pep output (undecided at this juncture :)

specs on the 2sc2166
<http://members.tripod.com/~Malzev/comp/2sc2166.htm>
specs on the 2SC2312
<http://members.tripod.com/~Malzev/comp/2sc2312.htm>

73,

Jim n2go

Date: Mon, 15 Dec 2003 09:15:17 -0000
From: "brian russell" <brian-nsl@freenet.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [163153] Re: 6M Halo or Squalo or ??
Message-ID: <002601c3c345\$81b9e7f0\$061e2850@briandlatmd1ba>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howard,

For bending aluminium tubing, in lieu of a proper pipe bender, drill an appropriate sized hole in a piece of wood, fill the tube with dry sand, having plugged one end, pass the tube through the hole and work the bend to suit, no kinks in the tube !!!
Also for 6m, look at the Moxon Loop at www.cebik.com

72, Brian. G0NSL-QRP.

----- Original Message -----

From: "Howard Kraus" <K2UD@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 14, 2003 5:30 PM
Subject: Re: 6M Halo or Squalo or ??

> Try Dick Stroud's Jan 2002 QST article about using a discarded lawn chair to
> form a 6M squalo. It's also on the League's web site under "For Members
> Only." Though I have some halos (not for sale, sorry), I may try Dick's
> idea with one of my "leaning" lawn chairs. I may try one for 10M also if I
> can come up with some way of bending aluminum tubing without kinking it.
>
> GL es 72
>
> Howard Kraus, K2UD
> ----- Original Message -----
> From: "Alan Fryer" <N3BJ@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, December 14, 2003 11:11 AM
> Subject: WTB: 6M Halo or Squalo or ??
>
>
> > Looking for some antennas for local 6M AM work. Needs to be small,
> > omni-directional and horizontally polarized. About the only thing that
> > comes to mind is a 6M halo or squalo. Anyone on the list have one that

is
> > surplus or any ideas?
> >
> > Alan, N3BJ
> > Bent Mountain, VA
>

Date: Mon, 15 Dec 2003 13:18:42 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [163154] AZ ScQRPions Paddle - Batch 2
Message-ID: <3FDE1722.144871D8@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

We are completing the manufacturing of batch 2 of the AZ ScQRPions paddle. We should ready to ship another 125 or so paddles within a few days. We are hoping to get most of them to you by Christmas. We realize some of these are Christmas presents so act surprised when you open it on Christmas morning even though you saw your name/call on the S/N list. :-) John Stevens, K5JS, and I have two weeks off from work starting 12/20 (we both work for the same avionics company) so we will be cutting as much product as we think we can sell in the next month or so. We hope to be caught up with orders sometime in January. John is working on putting together a list of names in the approximate order we received them. That way, you can check on where you are in the list and you will have some idea as to when you will receive your paddle. We should have this list up on the web in a day or so. We appreciate every ones patience and apologize for being slow.

Thanks for your support.

Jerry W5JH

Date: Mon, 15 Dec 2003 15:51:06 -0500
From: "Tim Kass" <timkass@hotmail.com>
To: w5jh@swlink.net, qrp-l@Lehigh.EDU
Subject: [163155] RE: AZ ScQRPions Paddle - Batch 2

Message-ID: <BAY2-F141nwS8BurjQq00034bbb@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Whhhoooo Yaaaa.....thankspatiently waiting, well, waiting
anyway...only a couple finger nails left....hi hi ...Tim K8WBL

>From: Jerry Haigwood <w5jh@swlink.net>

>Reply-To: w5jh@swlink.net

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Subject: AZ ScQRPions Paddle - Batch 2

>Date: Mon, 15 Dec 2003 13:18:42 -0700

>

>Folks,

> We are completing the manufacturing of batch 2 of the AZ ScQRPions
> paddle. We should ready to ship another 125 or so paddles within a few
> days. We are hoping to get most of them to you by Christmas. We
> realize some of these are Christmas presents so act surprised when you
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> received them. That way, you can check on where you are in the list and
> you will some idea as to when you will receive your paddle. We should
> have this list up on the web in a day or so. We appreciate every ones
> patience and apologize for being slow.

>

>Thanks for your support.

>

>Jerry W5JH

>

>

Get holiday tips for festive fun.

<http://special.msn.com/network/happyholidays.armx>

Date: Mon, 15 Dec 2003 13:52:29 -0800

From: "richqrp" <richqrp@cox.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [163156] Re: AZ ScQRPions Paddle - Batch 2

Message-ID: <008201c3c355\$bc1fc120\$c1770744@wd6fddstssz5sg>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was one of the lucky ones, #33, and its already been on the air.. but how many batches have you made? and how far has the list went for these little gems? I want to thank all who were involved. this little project was great and now I do not have to lug around my bug, which weighs more than the rig....

73's, Rich

----- Original Message -----

From: "Jerry Haigwood" <w5jh@swlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, December 15, 2003 12:18 PM
Subject: AZ ScQRPions Paddle - Batch 2

> Folks,
> We are completing the manufacturing of batch 2 of the AZ ScQRPions
> paddle. We should be ready to ship another 125 or so paddles within a few
> days. We are hoping to get most of them to you by Christmas. We
> realize some of these are Christmas presents so act surprised when you
> open it on Christmas morning even though you saw your name/call on the
> S/N list. :-) John Stevens, K5JS, and I have two weeks off from work
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> be cutting as much product as we think we can sell in the next month or
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> working on putting together a list of names in the approximate order we
> received them. That way, you can check on where you are in the list and
> you will have some idea as to when you will receive your paddle. We should
> have this list up on the web in a day or so. We appreciate every ones
> patience and apologize for being slow.
>
> Thanks for your support.
>
> Jerry W5JH
>
>

Date: Mon, 15 Dec 2003 14:02:56 -0800 (PST)
From: Bill Vodall - WA7NWP <wa7nwp@jnos.org>
To: Paul Valko - W8KC <w8kc@comcast.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163157] Re: 3.560 MHz Streaming audio

Message-ID: <Pine.LNX.4.33.0312151402250.26003-100000@mlark.vodall.isomedia.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Dec 2003, Paul Valko - W8KC wrote:

> Just for yucks, I'm streaming audio of whatever QRP activity shows up on
> 3560 tonight.
>
> <http://www.w8kc.com/stream.asx>
>

Good project Paul. What do you use for a streaming server?

Thanks,

73,
Bill - WA7NWP

Date: Mon, 15 Dec 2003 16:08:10 -0600
From: Pat Cain <k0pc@mchsi.com>
To: qrp-l@lehigh.edu
Subject: [163158] [Elmer160] Question on INCF operator
Message-ID: <5.1.1.6.0.20031215155313.00b96d60@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

The latest Elmer 160 lesson introduces the INCF operator with the following=
=20
command

incf Spot1,F

This increments the Spot1 variable. My question is about the second=20
argument F. In the description of the INCF operator in the PIC16F84A=20
documents, the second argument is a member of the set {0,1}. It determines=
=20
if the result is written to the file register specified in the first=20
argument or written to the working register.

I have seen code that uses W and F as the second argument and I found these=
=20

values defined as H'0000' and H'0001' respectively in the p16f84a.inc file.=
=20

My question is why use W and F instead of 0 or 1 directly?

73,

Pat K=D8PC

Date: Mon, 15 Dec 2003 17:22:50 -0500
From: "steve" <swells244@bellsouth.net>
To: "Oleg V. Borodin" <master72@lipetsk.ru>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163159] Re: Re[2]: QRP - Expect great things!
Message-ID: <004701c3c359\$f9da8820\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

that has to be the most unique radio enclosure I've ever seen!!

Steve

----- Original Message -----

From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, December 15, 2003 12:22 PM
Subject: Re[2]: QRP - Expect great things!

> DH> QRP related= I am building Oleg's Micro 80. Seems like a neat little
rig.

> DH> Dan Harriman

> DH> Orange, Texas

>

> Thank you, Dan! It sounds pleasure (for me) :-)

>

> BTW, our Club have a special Christmas offer: the "Micro-80" kit

> enclose with a fine art casket (see <http://ruqrp.narod.ru/spec.htm>),

> only before New Year.

>

> Wish you all the best!

> 72! de RV3GM Oleg ("Master-72") V. Borodin

>

> === In QRP We Trust! ===

>

Date: Mon, 15 Dec 2003 22:23:54 +0000
From: "Terry Permenter" <top@whidbey.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163160] [Elmer160] re: Question on INCF operator
Message-ID: <E1AW16B-0005g9-UK@mail5.whidbey.net>
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Pat:

The definition of 'W' and 'F' in the include file is simply to improve the readability and understandability of the code - its a lot easier to recognize what this does

```
        incf    Spot1,F=20  
rather than  
        incf    Spot1,1
```

With everything else there is to remember when coding, every little=20 bit helps!

72, Terry K70I

On 12/15/2003, "Pat Cain" <k0pc@mchsi.com> wrote:

>The latest Elmer 160 lesson introduces the INCF operator with the following

>command

>

>=09incf=09Spot1,F

>

>This increments the Spot1 variable. My question is about the second=20

>argument F. In the description of the INCF operator in the PIC16F84A=20

>documents, the second argument is a member of the set {0,1}. It determines=20

>if the result is written to the file register specified in the first=20

>argument or written to the working register.

>

>I have seen code that uses W and F as the second argument and I found these

>values defined as H'0000' and H'0001' respectively in the p16f84a.inc file.

>My question is why use W and F instead of 0 or 1 directly?

>

>73,

>Pat K=D8PC

>

>

Date: Mon, 15 Dec 2003 17:31:47 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <k0pc@mchsi.com>
Subject: [163161] Re: [Elmer160] Question on INCF operator
Message-ID: <006301c3c35b\$3a70ff30\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Pat

The translation from W to 0 is done at assembly time. There is no cost at run time, and W is a little more programmer friendly than 0. That's all. Once the program is assembled, the result is exactly the same. If I say W, I mean the Working register, F means File register. Easier to remember than let's see, was it 0 that meant the working register, or 1?

It does cost something at assembly time, but I'm not exactly convinced that it would cost more than the alternative. In any case, the difference is in the microseconds neighborhood ... pretty hard to measure, and you only assemble it once. But I have to admit, the more I think about it, the less sure I am that 0 is faster than W. You would actually need to pick apart the assembler to tell.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Pat Cain" <k0pc@mchsi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, December 15, 2003 5:08 PM
Subject: [Elmer160] Question on INCF operator

> The latest Elmer 160 lesson introduces the INCF operator with the
following
> command
>
> incf Spot1,F
>
> This increments the Spot1 variable. My question is about the second
> argument F. In the description of the INCF operator in the PIC16F84A

> documents, the second argument is a member of the set {0,1}. It determines
> if the result is written to the file register specified in the first
> argument or written to the working register.
>
> I have seen code that uses W and F as the second argument and I found
these
> values defined as H'0000' and H'0001' respectively in the p16f84a.inc
file.
> My question is why use W and F instead of 0 or 1 directly?
>
> 73,
> Pat K PC
>
>

Date: Mon, 15 Dec 2003 15:39:56 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [163162] 10 meter contact
Message-ID: <Pine.LNX.4.44.0312151533360.4693-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked KB3NR in Ocala FL about 2215 UTC today. We had a nice
chat about the Army Air Corps that had their headquarters there in 1944.
It was busy then! I was running my 5 watts as usual. And the beacons
told me to call CQ because I heard several of them.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 15 Dec 2003 17:44:55 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163163] Virgin Fox Alert - was: Fox Announcement: K2ZN and N0IT
Message-ID: <3FDE3967.8080104@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi All

Tomorrow night will be my first try at being the hunted rather than the hunter. Hopefully, I won't get overwhelmed and suffer from brain freeze!

I traded weeks with Mark, K2Q0; he's out of town this week. Next Tuesday is my wife's birthday and I want to stay out of the dog house.

GL & 72 - Al, K2ZN

Date: Mon, 15 Dec 2003 22:53:32 -0000
From: "Goody K3NG" <k3ng@qrpis.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163164] Re: [Elmer160] Question on INCF operator
Message-ID: <003f01c3c35e\$536b7800\$0169a8c0@loyalsock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have seen code that uses W and F as the second argument and I found these
> values defined as H'0000' and H'0001' respectively in the p16f84a.inc file.
> My question is why use W and F instead of 0 or 1 directly?

Two reasons, code readability and if Microchip decided to change the values of W and F in a future chip, the include file for that chip would reflect the change and you wouldn't have to go through your code and change all the instances of the parameter.

72
Goody
K3NG

End of QRP-L Digest 3135

